

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS

1. (Currently Amended) Method of making an electronic label comprising an electronic chip (1) provided with two contact strips (2, 3) and [[a]] an antenna formed from conducting wire (4) intended to form an antenna, ~~characterized in that comprising:~~

placing the chip (1) ~~is placed~~ on a support piece so that the contact strips (2, 3) of said chip are situated on the side opposite to that in contact with the support piece~~[[,]];~~

taking [[a]] conducting wire (4) is taken from a reel and placing it on the support such that at least one portion is in such a way that at least one portion of this wire be positioned facing the two contact strips of the chip (1)~~[[,]];~~ and

welding the conducting wire (4) ~~is welded~~ in a single welding operation onto the two contact strips (2, 3) to form the antenna of the electronic label,

wherein the welding of the conducting wire or wires (4) onto the contact strips (2, 3) is done with a welding electrode (5) having an active portion with an end, and at the end of its active portion a recess (6), such that the recess (6) has a width that essentially corresponds to the gap between the two contact strips (2, 3) enabling the welding electrode (5) to weld the antenna to the contact strip but not welding the wire in the gap between the contact strips.

2. (Currently Amended) Method of making an electronic label according to claim 1, further comprising cutting ~~characterized in that the~~ a portion of the conducting wire (4) forming the antenna situated between the two contact strips (2, 3) ~~[[of]]~~ above chip (1) ~~is cut.~~

3. (Currently Amended) Method of making an electronic label comprising an electronic chip (1) provided with two contact strips (2, 3) and ~~[[a]]~~ an antenna formed of conducting wire (4) ~~intended to form an antenna,~~ ~~characterized in that~~ comprising:

cutting the conducting wire (4) ~~is cut~~ into two segments, at least one portion of each of the two segments

of the conducting wire is positioned facing a contact strip (2, 3) of the chip (1) [[,]];

welding the two segment portions are welded in a single welding operation onto the two contact strips (2, 3) of chip (1) to form the antenna of the electronic label,

wherein the welding of the conducting wire or wires (4) onto the contact strips (2, 3) is done with a welding electrode (5) having an active portion with an end, and at the end of its active portion a recess (6), such that the recess (6) has a width that essentially corresponds to the gap between the two contact strips (2, 3) enabling the welding electrode (5) to weld the antenna to the contact strip but not welding the wire in the gap between the contact strips ~~at the end of its active portion a recess (6) that in its width essentially corresponds to the gap between the two contact strips (2, 3).~~

4. (Canceled)

5. (Currently Amended) Method of making an electronic label according to claim 3, further comprising ~~characterized in that~~ integrating the chip (1) provided with

its antenna (4) ~~is integrated~~ between two sheets of a fibrous or plastic material.

6. (Original) Electronic label comprising a chip (1) and an antenna consisting of a conducting wire (4) welded onto the contact strips (2, 3) of chip (1), characterized in that it is made by the method of claim 3.

7. (Currently Amended) Welding electrode (5) for realizing the method of claim 3, ~~characterized in that~~ wherein the recess (6) of the welding electrode (5) has a depth at the end of its active portion it comprises a recess having dimensions essentially corresponding to the space a height between of the two contact strips (2, 3) of the chip (1).

8. (Canceled)

9. (Currently Amended) Method of making an electronic label according to claim 1, further comprising ~~characterized in that~~ integrating the chip (1) provided with its antenna (4) ~~is integrated~~ between two sheets of a fibrous or plastic material.

10. (Original) Electronic label comprising a chip (1) and an antenna consisting of a conducting wire (4) welded onto the contact strips (2, 3) of chip (1), characterized in that it is made by the method of claim 1.

11. (Currently Amended) Method of making an electronic label comprising an electronic chip (1) provided with two contact strips (2, 3) and an antenna formed from conducting wire (4), comprising:

placing the chip (1) on a support piece so that the contact strips (2, 3) of said chip are situated on the side opposite to that in contact with the support piece;

taking conducting wire (4) from a reel and placing it on the support such that at least one portion is positioned facing the two contact strips of the chip (1);
and

welding the conducting wire (4) in a single welding operation onto the two contact strips (2, 3) to form the antenna of the electronic label,

wherein the welding of the conducting wire or wires (4) onto the contact strips (2, 3) is done with a welding electrode (5) having an active portion with an end, and at the end of its active portion a recess (6), such that

the recess (6) has dimensions that essentially correspond to the spaced between the two contact strips (2, 3) enabling electrode to weld the antenna to the contact strip but not welding the wire between the contact strips disposed in the recess (6) ~~Welding electrode (5) for realizing the method of claim 1, characterized in that at the end of its active portion it comprises a recess having dimensions essentially corresponding to the space between the two contact strips (2, 3) of chip (1).~~

12. (New) Method of making an electronic label according to claim 1, wherein the single welding operation simultaneously welds the conducting wire (4) to the two contact strips (2, 3) of the chip (1).

13. (New) Method of making an electronic label according to claim 3, wherein the single welding operation simultaneously welds the two segment portions to the two contact strips (2, 3) of the chip (1).

14. (New) Method of making an electronic label according to claim 11, wherein the single welding operation

simultaneously welds the conducting wire (4) to the two contact strips (2, 3) of the chip (1).

15. (New) Method of making an electronic label according to claim 1, wherein the recess (6) of the welding electrode (5) has a depth essentially corresponding to a height of the two contact strips (2, 3) of the chip (1).

16. (New) Method of making an electronic label according to claim 11, wherein the recess (6) of the welding electrode (5) has a depth essentially corresponding to a height of the two contact strips (2, 3) of the chip (1).

17. (New) Method of making an electronic label according to claim 1, further comprising cutting a portion of the conducting wire (4) forming the antenna situated between the two contact strips (2, 3) into two segments before the step of welding.

18. (New) Method of making an electronic label according to claim 17, wherein after the step of welding the two segments of the conducting wire (4) between the contact

strips (2, 3) exhibit the configuration of a circular arc facing outward from the chip (1).

19. (New) Method of making an electronic label according to claim 3, wherein after the step of welding the two segments of the conducting wire (4) between the contact strips (2, 3) exhibit the configuration of a circular arc facing outward from the chip (1).

20. (New) Method of making an electronic label according to claim 11, further comprising cutting a portion of the conducting wire (4) forming the antenna situated between the two contact strips (2, 3) into two segments before the step of welding.

21. (New) Method of making an electronic label according to claim 20, wherein after the step of welding the two segments of the conducting wire (4) between the contact strips (2, 3) exhibit the configuration of a circular arc facing outward from the chip (1).